

DATE: 1/27/80

Please print or type in the unshaded areas only (fill-in areas are spaced for elite type, i.e., 12 characters/inch).

Form Approved OMB No. 158-R0175

FORM <b>1</b> GENERAL		ENVIRONMENTAL PROTECTION AGENCY	EPA I.D. NUMBER
		<b>GENERAL INFORMATION</b> Consolidated Permits Program (Read the "General Instructions" before starting.)	

**LABEL ITEMS**

I. EPA I.D. NUMBER

III. FACILITY NAME

V. FACILITY MAILING ADDRESS

VI. FACILITY LOCATION

**PLEASE PLACE LABEL IN THIS SPACE**

**GENERAL INSTRUCTIONS**

If a preprinted label has been provided, affix it in the designated space. Review the information carefully; if any of it is incorrect, cross through it and enter the correct data in the appropriate fill-in area below. Also, if any of the preprinted data is absent (the area to the left of the label space lists the information that should appear), please provide it in the proper fill-in area(s) below. If the label is complete and correct, you need not complete Items I, III, V, and VI (except VI-B which must be completed regardless). Complete all items if no label has been provided. Refer to the instructions for detailed item descriptions and for the legal authorizations under which this data is collected.

**II. POLLUTANT CHARACTERISTICS**

**INSTRUCTIONS:** Complete A through J to determine whether you need to submit any permit application forms to the EPA. If you answer "yes" to any questions, you must submit this form and the supplemental form listed in the parenthesis following the question. Mark "X" in the box in the third column if the supplemental form is attached. If you answer "no" to each question, you need not submit any of these forms. You may answer "no" if your activity is excluded from permit requirements; see Section C of the instructions. See also, Section D of the instructions for definitions of bold-faced terms.

SPECIFIC QUESTIONS	MARK 'X' FORM ATTACHED			SPECIFIC QUESTIONS	MARK 'X' FORM ATTACHED		
	YES	NO	FORM ATTACHED		YES	NO	FORM ATTACHED
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		X		B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or aquatic animal production facility which results in a discharge to waters of the U.S.? (FORM 2B)		X	
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)		X		D. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to waters of the U.S.? (FORM 2D)		X	
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)	X			F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum containing, within one quarter mile of the well bore, underground sources of drinking water? (FORM 4)		X	
G. Do you or will you inject at this facility any produced water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X		H. Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)		X	
I. Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the instructions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X		J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)		X	

**III. NAME OF FACILITY**

1 SKIP R E D P A N T H E R C H E M I C A L C O M P A N Y

**IV. FACILITY CONTACT**

A. NAME & TITLE (last, first, & title) DUFF JOHN PRESIDENT

B. PHONE (area code & no.) 601 627 473

**V. FACILITY MAILING ADDRESS**

A. STREET OR P.O. BOX P O B O X 5 5 0

B. CITY OR TOWN C L A R K S D A L E

C. STATE M S

D. ZIP CODE 3 8 6 1 4

**VI. FACILITY LOCATION**

A. STREET, ROUTE NO. OR OTHER SPECIFIC IDENTIFIER N O R M A N D Y A T P A T T O N S T S

B. COUNTY NAME C O A H O M A

C. CITY OR TOWN C L A R K S D A L E

D. STATE M S

E. ZIP CODE 3 8 6 1 4

F. COUNTY CODE (if known)

PUBLIC NOTICE

Mississippi Pollution Control  
Permit Board  
P. O. Box 10385  
Jackson, Mississippi 39209  
(601) 354-2550



Public Notice No. 80-MS0032

August 29, 1980

NOTICE OF APPLICATION FOR NATIONAL POLLUTANT DISCHARGE ELIMINATION  
SYSTEM PERMIT

Weyerhaeuser Company, Philadelphia Operations, has applied for an NPDES Permit, application number MS0001961, to discharge non-contact cooling, boiler blowdown and treated sanitary wastewater into an unnamed tributary of Kentawka Canal thence into the Pearl River. The applicant's operation is the manufacture of veneer and plywood. Four existing discharges are described in the application.

Grief Brothers Corporation, Durant, Mississippi, has applied for an NPDES Permit, application number MS0000531, to discharge non-contact cooling water only into an unnamed tributary of the Big Black River. The applicant's operation is injection molding - thermoplastics and expandable polystyrene foam molding. One existing discharge is described in the application.

Ram Golf Corporation, Box 300, Pontotoc, Mississippi, application number MS0031721, has applied for an NPDES Permit to discharge wastewater into Lyons Creek thence into Lappatubby Creek. The applicant manufactures golf balls by molding and milling plastic and rubber components. Plant effluent consists of cooling water and golf ball washwater. One existing discharge is described in the application.

Cooper Steel, A Division of Cooper Industries, Greenville, Mississippi, has applied for an NPDES Permit, application number MS0035858, to discharge non-contact cooling water into Horseshoe Bayou. The applicant's operation is rolling, annealing and heat treating of steel. One new discharge is described in the application.

MFC Services, Inc., P. O. Box 550, Clarksdale, Mississippi, 38614, has applied for an NPDES Permit, application number MS0030783 to discharge wastewater into unnamed tributary of the Sunflower River. The applicant's operation is the formulation of agricultural pesticides. One existing discharge is described in the application.

← This copy for

International Paper Company, P. O. Box 37, Wiggins, Mississippi, 39577, has applied for an NPDES Permit, application number MS0001546, to discharge process wastewater into an unnamed tributary of Church House Creek. The applicant's operation is the manufacture of southern pine plywood. Two existing discharges are described in the application.

International Paper Company Barge Yard, P. O. Box 156, Redwood, Mississippi, 39165, has applied for an NPDES Permit, application number MS0033901, to discharge wastewater into the Yazoo River. The applicant's operation is to receive, store, and process tree length pulpwood into chips. One existing discharge is described in the application.

Sunmark Industries, Division of Sun Oil Company of Pennsylvania, 208 Short Clay Street, Greenville, Mississippi, 38701, has applied for an NPDES Permit, application number MS0036391, to discharge rainfall runoff into the Yazoo River. The applicant's operation is petroleum marketing and storage. Two existing discharges are described in the application.

Georgia-Pacific Corporation, Bay Springs, Mississippi, has applied for reissuance of a NPDES Permit, application number MS0022136 to discharge log spray water overflow into Etehoma Creek. The applicant's operation is the manufacture of board and dimension lumber. One discharge is described in the application.

Georgia-Pacific Corporation, Plywood Plant, Taylorsville, Mississippi, has applied for reissuance of a NPDES Permit, application number MS0002194, to discharge cooling water, sanitary wastewater, and overflow from the log spray recirculation pond into an unnamed creek thence into Lyon Creek thence into Leaf River. The applicant's operation is the manufacturing of plywood. Three discharges are described in the application.

Georgia-Pacific Corporation, Goss, Mississippi, has applied for reissuance of a NPDES Permit, application number MS0002208, to discharge overflow from the log spray recirculation pond into Holiday Creek. The applicant's operation is the manufacturing of dimensional lumber. One discharge is described in the application.

Georgia-Pacific Corporation, Gloster Plywood Plant, Gloster, Mississippi, has applied for reissuance of a NPDES Permit, application number MS0000655, to discharge cooling water and boiler blowdown into Little Beaver Creek thence into the Amite River. The applicant's operation is the manufacturing of plywood. One discharge is described in the application.

Georgia-Pacific Corporation, Plywood Plant, Louisville, Mississippi, has applied for reissuance of a NPDES Permit, application number MS0002186, to discharge cooling water, boiler blowdown, and overflow from the log spray recirculation pond into Hughes Creek thence into Tallahaga Creek thence into Nanawaya Creek. The applicant's operation is the manufacturing of plywood. Two discharges are described in the application.

Georgia-Pacific Corporation, Particleboard Plant, Taylorsville, Mississippi, has applied for an NPDES Permit, application number MS0035343, to discharge cooling water into an unnamed creek thence into Lyon Creek thence into Leaf River. The applicant's operation is the manufacturing of particleboard. One discharge is described in the application.

Memphis Hardwood Flooring Company, Grenada, Mississippi, has applied for reissuance of an NPDES Permit No. MS0001155, application number MS 07V OXP 2 000247, to discharge boiler blowdown and stream condensate wastewater into an unnamed ditch thence into the Yalobusha River thence to the Yazoo River. The applicant's operation is the manufacture of hardwood lumber and flooring. One existing discharge is described in the application.

Memphis Hardwood and Flooring Company, P. O. Box 38, Potts Camp, Mississippi, 38655, NPDES Permit Number MS0001163, has applied for reissuance of an NPDES Permit to discharge water from a log spray recirculation pond into Oaklimer Creek thence into the Tippah River. The applicant's operation is the manufacture of hardwood lumber. One discharge is described in the application.

Memphis Hardwood and Flooring Company, P. O. Box 337, Bruce, Mississippi, has applied for reissuance for an NPDES Permit, Permit Number MS0000868, to discharge log spray recirculation pond overflow into a drainage ditch thence to the Skuna River. The applicant's operation is the manufacture of hardwood lumber. One existing discharge is described in the application.

Edward Hines Lumber Company, P. O. Box 767, Hazlehurst, Mississippi, has applied for an NPDES Permit, application number MS0036552, to discharge log spray recirculation wastewater into an unnamed tributary of Bahala Creek. The applicant's operation is the manufacture of lumber. One discharge is described in the application.

Anderson-Coleman Manufacturing Company, Inc., Highway 3 By-Pass, Yazoo City, Mississippi, has applied for an NPDES Permit, application number MS0036501 to discharge water from a log spray recirculation system. The applicant describes one discharge in the application.

Georgia-Pacific Corporation, Centreville, Mississippi, has applied for an NPDES Permit, application number MS0036269 to discharge overflow from the log spray recirculation pond into an unnamed tributary of Thompson Creek and thence to the Mississippi River.

Koppers Company, Inc., Monticello, Mississippi, has applied for an NPDES Permit, application number MS0036595, to discharge process wastewater into a city drainage ditch. The applicant's operation is the manufacture of hardwood lumber. One discharge is described in the application.

Mississippi Chemical Corporation, P. O. Box 388, Yazoo City, Mississippi, 39194, NPDES Permit Number MS0000574, has applied for reissuance of an NPDES Permit to discharge process wastewater, cooling tower blowdown, and sanitary wastewater into Martin Creek thence into Piney Creek thence into the Yazoo River. The applicant is engaged in the manufacture of nitrogen fertilizers.

On the basis of preliminary staff review and application of the Mississippi Air and Water Pollution Control Law (Sections 49-17-1 et seq., Mississippi Code of 1972), and other lawful standards and regulations, and under authority granted pursuant to Section 402(b) of the Federal Water Pollution Control Act, the Mississippi Pollution Control Permit Board proposes to issue a permit to discharge wastewater subject to specific pollutant limitations and special conditions. These proposed determinations are tentative.

Persons wishing to comment upon or object to the proposed determinations are invited to submit same in writing to the Permit Board address above, no later than September 29, 1980. All comments received prior to that date will be considered in the formulation of final determinations regarding the application. The permit application number should be placed on the envelope next to the above address and also at the top of the first page of comments. A public hearing may be held where the Permit Board finds a significant degree of public interest in a proposed permit or group of permits.

Additional details about the application and the proposed determination, a sketch showing the exact location of the discharge and additional information on hearing procedure is available by writing or calling the Permit Board. A copy of the draft permit is also available from the Permit Board. The application, comments received, and other information are available for review and copying at 2380 Highway 80 West, Jackson, Mississippi, between the hours of 8:00 a.m. and 5:00 p.m., Monday through Friday.

Please bring the foregoing to the attention of persons whom you know will be interested.



## United States Department of the Interior

FISH AND WILDLIFE SERVICE  
ROOM 409, MERCHANTS NATIONAL BANK BUILDING  
820 SOUTH STREET  
VICKSBURG, MISSISSIPPI 39180  
August 27, 1980

AUG 28 1980  
DEPT. OF INTERIOR RESOURCE  
BUREAU OF POLLUTION CONTROL

Mississippi Air and Water Pollution  
Control Commission Permit Board  
P. O. Box 10385  
Jackson, Mississippi 39205

Dear Sir:

The U. S. Fish and Wildlife Service has reviewed the attached list of public notices for applications for National Pollutant Discharge Elimination System permits for the State of Mississippi. Our comments are submitted in accordance with provisions of the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.).

At this time, the Service does not have sufficient manpower or funding necessary to adequately review and comment on these permit applications. Therefore, we are unable to make recommendations and take no position regarding issuance of these permits.

The above views constitute the report of the Department of the Interior.

Sincerely yours,

*Curtis B. James*

Curtis B. James  
Acting Field Supervisor

Attachments

<u>Public Notice Number</u>	<u>Applicant</u>	<u>Date</u>	<u>Application No.</u>
80-MS0032	Weyerhaeuser Company Philadelphia Operations,	8/29/80	MS0001961
80-MS0032	Brief Crothers Corporation Durant, Miss.	8/29/80	MS0000531
80-MS0032	Ram Golf Corporation Box 300 Pontotoc, MS	8/29/80	MS0031721
80-MS0032	Cooper Steel A Division of Cooper Ind. Greenville, MS	8/29/80	MS0035858
80-MS0032	MFC Services, Inc. P. O. Box 550 Clarksdale, MS 38614	8/29/80	MS0030783
80-MS0032	International Paper Company P.O. Box 37 Wiggins, MS 39577	8/29/80	MS0001546
80-MS0032	International Paper Company Barge Yard P. O. Box 156 Redwood, MS 39165	8/29/80	MS0033901
80-MS0032	Sunmark Industries Division of Sun Oil Company of Pennsylvania 208 Short Clay Street Greenville, MS 38701	8/29/80	MS0036391
80-MS0032	Georgia-Pacific Corporation Plywood Plant Taylorsville, MS	8/29/80	MS0002194
80-MS0032	Georgia-Pacific Corporation Bay Springs, MS	8/29/80	MS0022136
80-MS0032	Georgia-Pacific Corporation Goss, MS	8/29/80	MS0002208
80-MS0032	Georgia-Pacific Corporation Gloster Plywood Plant Gloster, MS	8/29/80	MS0000655
80-MS0032	Georgia-Pacific Corporation Plywood Plant Louisville, MS	8/29/80	MS0002186
80-MS0032	Georgia-Pacific Corporation Particleboard Plant Taylorsville, MS	8/29/80	MS0035343

← This copy for

<u>Public Notice Number</u>	<u>Applicant</u>	<u>Date</u>	<u>Application No.</u>
80-MS0032	Memphis Hardwood Flooring Co. Grenada, MS	8/29/80	MS0001155
80-MS0032	Memphis Hardwood Flooring Co. P. O. Box 38 Potts Vamp, MS 38655	8/29/80	MS0001163
80-MS0032	Memphis Hardwood Flooring Co. P. O. Box 337 Bruce, MS	8/29/80	MS0000868
80-MS0032	Edward Hines Lumber Co. P. O. Box 767 Hazelhurst, MS	8/29/80	MS0036552
80-MS0032	Anderson-Coleman Manuf. Co. Inc., Highway 3 By-Pass Yazoo City, MS	8/29/80	MS0036501
80-MS0032	Georgic-Pacific Corporation Centreville, MS	8/29/80	MS0036269
80-MS0032	Koppers Company, Inc. Monticello, MS	8/29/80	MS0036595
80-MS0032	Mississippi Chemical Corp. P. O. Box 388 Yazoo City, MS 39194	8/29/80	MS0000574
80-MS0031	John B. Walker Red Arrow Car Wash P. O. Box 1445 Jackson, MS 39205	8/29/80	MS0036170
80-MS0031	Harlan Reynolds Handy Dandy Carwash P. O. Box 752 Louisville, MS	8/29/80	MS0036633
80-MS0031	Kerry Estates Subdivision Lowndes County, MS	8/29/80	MS0036609
80-MS0031	Southeast Asso. of Gautier (Clear Pointe Plaza) Jackson County, MS	8/29/80	MS0036447
80-MS0033	Mississippi Chemical Corp. Pascagoula, MS	8/29/80	MS0003115
80-MS0033	Chevron U.S.A., Inc. P. O. Box 1300 Pascagoula, MS 39567	8/29/80	MS0001481

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
APPLICATION FOR PERMIT TO DISCHARGE - SHORT FORM C

FOR  
AGENCY  
USE

APPLICATION NUMBER									
DATE RECEIVED									
YEAR			MO.			DAY			

To be filed only by persons engaged in manufacturing and mining

Do not attempt to complete this form before reading accompanying instructions  
Please print or type

1. Name, address, location, and telephone number of facility producing discharge

A. Name Red Panther Chemical Company

B. Mailing address

1. Street address P. O. Box 326

2. City Clarksdale

3. State Mississippi

4. County Coahoma

5. ZIP 38614

C. Location:

1. Street Normandy & Patton Streets

2. City Clarksdale

3. County Coahoma

4. State Mississippi

D. Telephone No. 601 627-4731

Area  
Code

2. SIC

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(Leave blank)

3. Number of employees 100

If all your waste is discharged into a publicly owned waste treatment facility and to the best of your knowledge you are not required to obtain a discharge permit, proceed to item 4. Otherwise proceed directly to item 5.

4. If you meet the condition stated above, check here  and supply the information asked for below. After completing these items, please complete the date, title, and signature blocks below and return this form to the proper reviewing office without completing the remainder of the form.

N/A

A. Name of organization responsible for receiving waste \_\_\_\_\_

B. Facility receiving waste:

1. Name \_\_\_\_\_

2. Street address \_\_\_\_\_

3. City \_\_\_\_\_

4. County \_\_\_\_\_

5. State \_\_\_\_\_

6. ZIP \_\_\_\_\_

5.  Principal product,  raw material (Check one) Herbicides, Fungicides, & Insecticides

6. Principal process Blending of Agricultural Pesticides

7. Maximum amount of principal product produced or raw material consumed per (Check one)

Basis	Amount							
	1-99 (1)	100-199 (2)	200-499 (3)	500-999 (4)	1000-4999 (5)	5000-9999 (6)	10,000-49,999 (7)	50,000 or more (8)
A. Day								
B. Month								X
C. Year								

PUBLIC NOTICE

Mississippi Air and Water Pollution  
Control Commission Permit Board  
P. O. Box 827  
Jackson, Mississippi 39205  
(601/354-7661)

Public Notice No.

75-MS0066

Dec. 31-75

NOTICE OF APPLICATION FOR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

Riverside Chemical Company, Post Office Box 550, Clarksdale, Mississippi, 38614, application number MS0030783, has applied for an NPDES Permit to discharge wastewater into an unnamed tributary of the Sunflower River. The applicant's operation is the formulation of pesticides. Plant effluent consists of boiler blowdown, non-contact cooling water, and cooling tower blowdown. One existing discharge is described in the application.

On the basis of preliminary staff review and application of the Mississippi Air and Water Pollution Control Law (Sections 49-17-1 et seq., Mississippi Code of 1972), and other lawful standards and regulations, and under authority granted to the Mississippi Air and Water Pollution Control Commission pursuant to Section 402(b) of the Federal Water Pollution Control Act, the Mississippi Air and Water Pollution Control Commission Permit Board proposes to issue a permit to discharge wastewater subject to specific pollutant limitations and special conditions. These proposed determinations are tentative.

Persons wishing to comment upon or object to the proposed determinations are invited to submit same in writing to the Permit Board address above, no later than 1-30-76. All comments received prior to that date will be considered in the formulation of final determinations regarding the application. The permit application number should be placed on the envelope next to the above address and also at the top of the first page of comments. A public hearing may be held where the Permit Board finds a significant degree of public interest in a proposed permit or group of permits.

Additional details about the application and the proposed determination, a sketch showing the exact location of the discharge and additional information on hearing procedure is available by writing or calling the Commission. A copy of the draft permit is also available from the Permit Board. The application, comments received, and other information are available for review and copying on the 11th floor of the Robert E. Lee Office Building, Jackson, Mississippi, between the hours of 8:30 a.m. and 5:00 p.m., Monday through Friday.

Please bring the foregoing to the attention of persons whom you know will be interested.

PUBLIC NOTICE

Mississippi Air and Water Pollution  
Control Commission Permit Board  
P. O. Box 827  
Jackson, Mississippi 39205  
(601/345-7661)

Public Notice No. 75-MS0066

December 31, 1975

NOTICE OF APPLICATION FOR NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT

Riverside Chemical Company, Post Office Box 550, Clarksdale, Mississippi, 38614, application number MS0030783, has applied for an NPDES Permit to discharge wastewater into an unnamed tributary of the Sunflower River. The applicant's operation is the formulation of pesticides. Plant effluent consists of boiler blowdown, non-contact cooling water, and cooling tower blowdown. One existing discharge is described in the application. ← This copy for

Southern Electroforming, Incorporated, 614 Knox Road, Kosciusko, Mississippi, 39090, application number MS 074 OYM 2 000397, has applied for an NPDES Permit to discharge wastewater into an unnamed tributary of the Yockanookany River. The applicant is engaged in copper, nickel, and chromium electroplating as well as aluminum anodizing. The industry is classified under Standard Industrial Classification (SIC) group code number 347. Plant effluent consists of treated process water. Existing treatment facilities include precipitation of heavy metals and chemical oxidation of cyanide. One existing discharge is described in the application.

Wagner Electric Corporation, 101 Industrial Parkway, Lumberton, Mississippi, 39455, application number MS0030562, has applied for an NPDES Permit to discharge cooling water into an unnamed tributary of the Red Creek. The applicant manufactures electrical distribution transformers. One existing discharge is described in the application.

On the basis of preliminary staff review and application of the Mississippi Air and Water Pollution Control Law (Sections 49-17-1 et seq., Mississippi Code of 1972), and other lawful standards and regulations, and under authority granted to the Mississippi Air and Water Pollution Control Commission pursuant to Section 402(b) of the Federal Water Pollution Control Act, the Mississippi Air and Water Pollution Control Commission Permit Board proposes to issue a permit to discharge wastewater subject to specific pollutant limitations and special conditions. These proposed determinations are tentative.

Persons wishing to comment upon or object to the proposed determinations are invited to submit same in writing to the Permit Board address above, no later than January 30, 1976. All comments received prior to that date will be considered in the formulation of final determinations regarding the application. The permit application number should be placed on the envelope next to the above address and also at the top of the first page of comments. A public hearing may be held where the Permit Board finds a significant degree of public interest in a proposed permit or group of permits.

Public Notice No. 75-MS0066

December 31, 1975.

Additional details about the application and the proposed determinations, a sketch showing the exact location of the discharge and additional information on hearing procedure is available by writing or calling the Commission. A copy of the draft permit is also available from the Permit Board. The application, comments received, and other information are available for review and copying on the 11th floor of the Robert E. Lee Office Building, Jackson, Mississippi, between the hours of 8:00 A.M., and 5:00 P.M., Monday through Friday.

Please bring the foregoing to the attention of persons whom you know will be interested.



# State of Mississippi Water Pollution Control PERMIT

TO DISCHARGE WASTEWATER IN ACCORDANCE WITH THE  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

## THIS CERTIFIES THAT

Red Panther Chemical Company  
MFC Services  
Clarksdale, Mississippi  
has been granted permission to discharge wastewater into an unnamed tributary  
of the Sunflower River.

in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts I, II, and III hereof. This permit is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Section 49-17-1 et seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder, and under authority granted pursuant to Section 402 (b) of the Federal Water Pollution Control Act.

Issued this 1st day of October, 19 80.

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES  
BUREAU OF POLLUTION CONTROL PERMIT BOARD

Original Signed By  
CHARLES H. CHISOLM  
Charles H. Chisolm, P. E., Director

Expires 30th day of June, 19 81.

Permit No. MS0030783

Application No. MS0030783

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning effective date and lasting until June 30, 1984, the permittee is authorized to discharge from Outfall Serial Number 001 (Boiler Blowdown, Non-Contact Cooling Water, and Cooling Tower Blowdown). Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations		Monitoring Requirements		
	kg/day Daily Avg.	(lbs/day) Daily Max	Other Units (Specify) Daily Avg. Daily Max.	Measurement Frequency	Sample Type
Flow - M <sup>3</sup> Day (MGD)	-	-	-	Once/Month	Instantaneous
Temperature °C (°F)	-	-	35(95) 38(100)	Once/Month	Instantaneous

2. The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored once/month with a grab sample.
3. There shall be no discharge of floating solids or visible foam in other than trace amounts.
4. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): at the nearest accessible point after final treatment but prior to actual discharge or mixing with the receiving waters.
5. No process water shall be discharged from this facility.

**C. MONITORING AND REPORTING**

**1. Representative Sampling**

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge.

**2. Reporting**

Monitoring results obtained during the previous 3 months shall be summarized for each month and reported on a Discharge Monitoring Report Form (EPA No. 3320-1), postmarked no later than the 28th day of the month following the completed reporting period. The first report is due on 1/28/81. Signed copies of these, and all other reports required herein, shall be submitted to the Mississippi Department of Natural Resources Bureau of Pollution Control Permit Board at the following address:

MISSISSIPPI DEPARTMENT OF NATURAL RESOURCES  
BUREAU OF POLLUTION CONTROL PERMIT BOARD  
P. O. Box 10385  
Jackson, Mississippi 39209

**3. Definitions**

- a. The monthly average, other than for fecal coliform bacteria, is the arithmetic mean of all the samples collected in a one-month period. The monthly average for fecal coliform bacteria is the geometric mean of samples collected in a one-month period. In computing the geometric mean, one shall be substituted for sample results of zero.
- b. The weekly average, other than for fecal coliform bacteria, is the arithmetic mean of all the samples collected during a one-week period. The weekly average for fecal coliform bacteria is the geometric mean of samples collected in a one-week period. In computing the geometric mean, one shall be substituted for sample results of zero.

**4. Test Procedures**

Test procedures for the analysis of pollutants shall conform to regulation published pursuant to Section 304(g) of the Federal Water Pollution Control Act, as amended.

**5. Recording of Results**

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- a. The exact place, date, and time of sampling;
- b. The dates the analyses were performed;

the authorized discharges emanate, the permittee shall notify the succeeding owner or controller of the existence of this permit by letter, a copy of which shall be forwarded to the Mississippi Air and Water Pollution Control Permit Board.

### 3. Availability of Records

Except for data determined to be confidential under the Mississippi Air and Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the office of the Mississippi Air and Water Pollution Control Commission.

### 4. Permit Modification

After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to:

- a. Violation of any terms or conditions of this permit;
- b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
- c. A change in any condition that required either a temporary or permanent reduction or elimination of the authorized discharge.

### 5. Toxic Pollutants

Notwithstanding Part II, B-4 above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Federal Water Pollution Control Act for a toxic pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with the toxic effluent standard or prohibition and the permittee so notified.

### 6. Civil and Criminal Liability

Except as provided in permit conditions on "Bypassing" (Part II, A-5), nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

### 7. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Federal Water Pollution Control Act and applicable provisions of the Mississippi Air and Water Pollution Control Law pertaining to spills of oil and hazardous materials.

PART III

A. OTHER REQUIREMENTS

This permit shall be modified, or alternatively, revoked and reissued, to comply with any applicable effluent standard or limitation issued or approved under sections 301(b)(2)(C), and (D), 304(b)(2), and 307(a)(2) of the Clean Water Act, if the effluent standard or limitation so issued or approved:

- (1) Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or
- (2) Controls any pollutant not limited in the permit.

The permit as modified or reissued under this paragraph shall also contain any other requirements of the Act then applicable.

## PART II

## A. MANAGEMENT REQUIREMENTS

## 1. Change in Discharge

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of the permit. Any anticipated facility expansions or treatment modifications which will result in new, different, or increased discharges of pollutants must be reported by submission of a new NPDES application, or if such changes will not violate the effluent limitations specified in this permit, by notice to the Mississippi Air and Water Pollution Control Permit Board of such notice, the permit may be modified to specify and limit any pollutants not previously limited.

## 2. Noncompliance Notification

If, for any reason, the permittee does not comply with or will be unable to comply with any effluent limitation specified in this permit, the permittee shall provide the Mississippi Air and Water Pollution Control Permit Board with the following information, in writing, within five (5) days of becoming aware of such conditions:

- a. A description of the discharge and cause of noncompliance; and
- b. The period of noncompliance, including exact dates and times; or if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.

## 3. Facilities Operation

The permittee shall at all times maintain in good working order and operate as efficiently as possible all treatment or control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit.

## 4. Adverse Impact

The permittee shall take all reasonable steps to minimize any adverse impact to State waters resulting from noncompliance with any effluent limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

## 5. Bypassing

Any diversion from or bypass of wastewater collection and treatment facilities is prohibited, except (i) where unavoidable to prevent loss of life or severe

State of Mississippi  
Air and Water Pollution Control Commission

PERMIT

TO DISCHARGE WASTEWATER IN ACCORDANCE WITH THE  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

THIS CERTIFIES THAT

MFC Services, Inc.  
~~Riverside Chemical Company~~  
Clarksdale, Mississippi

has been granted permission to discharge wastewater into unnamed tributary of  
Sunflower River

in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts I, II, and III hereof. This permit is issued in accordance with the provisions of the Mississippi Air and Water Pollution Control Law (Sections 49-17-1 et seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder, and under authority granted to the Mississippi Air and Water Pollution Control Commission pursuant to Section 402 (b) of the Federal Water Pollution Control Act.

Issued this 2nd day of February, 19 76.

AIR AND WATER POLLUTION CONTROL COMMISSION

ORIGINAL SIGNED BY GLEN WOOD, JR.

Glen Wood, Jr.

Executive Director

Expires 30th day of September, 19 80.

Permit No. MS0030783

Application No. MS0030783

PART I

A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning April 1, 1976, and lasting until Sept. 30, 1980, the permittee is authorized to discharge from outfall serial number 001. (Boiler blowdown, non-contact cooling water, and cooling tower blowdown)  
Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations		Monitoring Requirements		
	kg/day Daily Avg.	(lbs/day) Daily Max	Other Units (Specify) Daily Avg.	Measurement Frequency	Sample Type
Flow - M <sup>3</sup> Day (MGD)	n/a	n/a	n/a	Once/Month	Instantaneous
Temperature °C (°F)	n/a	n/a	35 (95)	Once/Week	Instantaneous

2. The pH shall not be less than a grab sample. 6.0 standard units nor greater than 9.0 standard units and shall be monitored once/month with
3. There shall be no discharge of floating solids or visible foam in other than trace amounts.
4. Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s): at the nearest accessible point after final treatment but prior to actual discharge or mixing with the receiving waters.
5. No process water shall be discharged from this facility.

PART I

Page 04 of 10  
Permit No. MS0030783

C. MONITORING AND REPORTING

1. Representative Sampling

Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored discharge.

2. Reporting

Monitoring results obtained during the previous 3 months shall be summarized for each month and reported on a Discharge Monitoring Report Form (EPA No. 3320-1), postmarked no later than the 28th day of the month following the completed reporting period. The first report is due on July 28, 1976. Signed copies of these, and all other reports required herein, shall be submitted to the Mississippi Air and Water Pollution Control Commission Permit Board at the following address:

State of Mississippi  
Air and Water Pollution  
Control Commission Permit Board  
P. O. Box 827  
Jackson, Mississippi 39205

3. Definitions

- a. The "daily average" discharge means the total discharge by weight during a calendar month divided by the number of days in the month that the production or commercial facility was operating. Where less than daily sampling is required by this permit, the daily average discharge shall be determined by the summation of all the measured daily discharges by weight divided by the number of days during the calendar month when the measurements were made.
- b. The "daily maximum" discharge means the total discharge by weight during any calendar day.

4. Test Procedures

Test procedures for the analysis of pollutants shall conform to regulation published pursuant to Section 304(g) of the Federal Water Pollution Control Act, as amended.

5. Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall record the following information:

- a. The exact place, date, and time of sampling;
- b. The dates the analyses were performed;

PART II

A. MANAGEMENT REQUIREMENTS

1. Change in Discharge

All discharges authorized herein shall be consistent with the terms and conditions of this permit. The discharge of any pollutant identified in this permit more frequently than or at a level in excess of that authorized shall constitute a violation of the permit. Any anticipated facility expansions, production increases, or process modifications which will result in new, different, or increased discharges of pollutants must be reported by submission of a new NPDES application, or if such changes will not violate the effluent limitations specified in this permit, by notice to the Mississippi Air and Water Pollution Control Commission Permit Board of such changes. Following such notice, the permit may be modified to specify and limit any pollutants not previously limited.

2. Noncompliance Notification

If, for any reason, the permittee does not comply with or will be unable to comply with any daily maximum effluent limitation specified in this permit, the permittee shall provide the Mississippi Air and Water Pollution Control Commission Permit Board with the following information, in writing, within five (5) days of becoming aware of such condition:

- a. A description of the discharge and cause of noncompliance; and
- b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate and prevent recurrence of the noncomplying discharge.

3. Facilities Operation

The permittee shall at all times maintain in good working order and operate as efficiently as possible all treatment or control facilities or systems installed or used by the permittee to achieve compliance with the terms and conditions of this permit.

4. Adverse Impact

The permittee shall take all reasonable steps to minimize any adverse impact to State waters resulting from noncompliance with any effluent limitations specified in this permit, including such accelerated or additional monitoring as necessary to determine the nature and impact of the noncomplying discharge.

5. Bypassing

Any diversion from or bypass of wastewater collection and treatment or control facilities is prohibited, except (i) where unavoidable to prevent loss of life

PART II

Page 08 of 10  
Permit No. MS0030783

shall be forwarded to the Mississippi Air and Water Pollution Control Commission Permit Board.

3. Availability of Records

Except for data determined to be confidential under the Mississippi Air and Water Pollution Control Law, all reports prepared in accordance with the terms of this permit shall be available for public inspection at the offices of the Mississippi Air and Water Pollution Control Commission.

4. Permit Modification

After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked in whole or in part during its term for cause including, but not limited to, the following:

- a. Violation of any terms or conditions of this permit;
- b. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
- c. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.

5. Toxic Pollutants

Notwithstanding Part II, B-4 above, if a toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is established under Section 307(a) of the Federal Water Pollution Control Act for a toxic pollutant which is present in the discharge and such standard or prohibition is more stringent than any limitation for such pollutant in this permit, this permit shall be revised or modified in accordance with the toxic effluent standard or prohibition and the permittee so notified.

6. Civil and Criminal Liability

Except as provided in permit conditions on "Bypassing" (part II, A-5), nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance.

7. Oil and Hazardous Substance Liability

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject under Section 311 of the Federal Water Pollution Control Act, and applicable provisions of the Mississippi Air and Water Pollution Control Law pertaining to spills of oil and hazardous materials.

PART III

Page 10 of 10  
Permit No. MS0030783

PART III

A. OTHER REQUIREMENTS

**All spills and leaks of toxic or biodegradable materials shall be cleaned up immediately to preclude any possibility of a discharge of these materials to state waters.**

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
APPLICATION FOR PERMIT TO DISCHARGE - SHORT FORM C

APPLICATION NUMBER								
M50030783								
DATE RECEIVED								
75			06			27		
YEAR			MO.			DAY		

To be filed only by persons engaged in manufacturing and mining

Do not attempt to complete this form before reading accompanying instructions  
Please print or type

1. Name, address, location, and telephone number of facility producing discharge

A. Name Riverside Chemical Company

B. Mailing address

1. Street address Sasse Street - P. O. Box 550  
 2. City Clarksdale 3. State Mississippi  
 4. County Coahoma 5. ZIP 38614

C. Location:

1. Street Sasse  
 2. City Clarksdale 3. County Coahoma  
 4. State Mississippi

D. Telephone No. 601 627-5283

Area  
Code

2. SIC 

--	--	--	--

(Leave blank)

3. Number of employees 100

If all your waste is discharged into a publicly owned waste treatment facility and to the best of your knowledge you are not required to obtain a discharge permit, proceed to item 4. Otherwise proceed directly to item 5.

4. If you meet the condition stated above, check here  and supply the information asked for below. After completing these items, please complete the date, title, and signature blocks below and return this form to the proper reviewing office without completing the remainder of the form.

A. Name of organization responsible for receiving waste \_\_\_\_\_

B. Facility receiving waste:

1. Name \_\_\_\_\_  
 2. Street address \_\_\_\_\_  
 3. City \_\_\_\_\_ 4. County \_\_\_\_\_  
 5. State \_\_\_\_\_ 6. ZIP \_\_\_\_\_

5.  Principal product,  raw material (Check one) agricultural pesticides

6. Principal process formulation of pesticides with oils, surfactants and alkalies

7. Maximum amount of principal product produced or raw material consumed per (Check one)

Basis	Amount							
	1-99 (1)	100-199 (2)	200-499 (3)	500-999 (4)	1000-4999 (5)	5000-9999 (6)	10,000-49,999 (7)	50,000 or more (8)
A. Day								
B. Month								
C. Year								x

RECEIVED

JUN 27 1975

AIR & WATER POLLUTION  
CONTROL COMMISSION  
STATE OF MISSISSIPPI

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
APPLICATION FOR PERMIT TO DISCHARGE - SHORT FORM C

FOR  
AGENCY  
USE

APPLICATION NUMBER			
1	2	3	4
5	6	7	8
DATE RECEIVED			
9	10	11	12
YEAR		MO.	DAY

To be filed only by persons engaged in manufacturing and mining

Do not attempt to complete this form before reading accompanying instructions

Please print or type

1. Name, address, location, and telephone number of facility producing discharge

A. Name Riverside Chemical Company

B. Mailing address

1. Street address P. O. Box 550

2. City Clarksdale 3. State Mississippi

4. County Coahoma 5. ZIP 38614

C. Location:

1. Street Normandy

2. City Clarksdale 3. County Coahoma

4. State Mississippi

D. Telephone No. 601 624-8381 627-5283

Area Code

2. SIC 

--	--	--	--

  
(Leave blank)

3. Number of employees 129

If all your waste is discharged into a publicly owned waste treatment facility and to the best of your knowledge you are not required to obtain a discharge permit, proceed to item 4. Otherwise proceed directly to item 5.

4. If you meet the condition stated above, check here  and supply the information asked for below. After completing these items, please complete the date, title, and signature blocks below and return this form to the proper reviewing office without completing the remainder of the form.

A. Name of organization responsible for receiving waste Clarksdale, Miss., City Sewer System

B. Facility receiving waste:

1. Name The Waste Water Treatment Plant

2. Street address 1905 Sunflower Avenue Extended

3. City Clarksdale 4. County Coahoma

5. State Mississippi 6. ZIP 38614

5.  Principal product,  raw material (Check one) Agricultural Pesticides

6. Principal process Formulation

7. Maximum amount of principal product produced or raw material consumed per (Check one)

Basis	Amount							
	1-99 (1)	100-199 (2)	200-499 (3)	500-999 (4)	1000-4999 (5)	5000-9999 (6)	10,000-49,999 (7)	50,000 or more (8)
A. Day								
B. Month								
C. Year								X

We produce over 50,000 gallons of liquid products and over 50,000 pounds of dry products each per year.



NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM  
APPLICATION FOR PERMIT TO DISCHARGE - SHORT FORM C

FOR  
AGENCY  
USE

APPLICATION NUMBER								
DATE RECEIVED								
YEAR			MO.			DAY		

To be filed only by persons engaged in manufacturing and mining

Do not attempt to complete this form before reading accompanying instructions  
Please print or type

1. Name, address, location, and telephone number of facility producing discharge

A. Name Riverside Chemical Company

B. Mailing address

1. Street address P. O. Box 550

2. City Clarksdale 3. State Mississippi

4. County Coahoma 5. ZIP 38614

C. Location:

1. Street Normandy

2. City Clarksdale 3. County Coahoma

4. State Mississippi

D. Telephone No. 601 624-8381

Area  
Code

2. SIC 

--	--	--	--

  
(Leave blank)

3. Number of employees 129

If all your waste is discharged into a publicly owned waste treatment facility and to the best of your knowledge you are not required to obtain a discharge permit, proceed to item 4. Otherwise proceed directly to item 5.

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B. Facility receiving waste:

1. Name The Waste Water Treatment Plant

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3. City Clarksdale 4. County Coahoma

5. State Mississippi 6. ZIP 38614

5.  Principal product,  raw material (Check one) Agricultural Pesticides

6. Principal process Formulation

7. Maximum amount of principal product produced or raw material consumed per (Check one)

Basis	Amount							
	1-99 (1)	100-199 (2)	200-499 (3)	500-999 (4)	1000-4999 (5)	5000-9999 (6)	10,000-49,999 (7)	50,000 or more (8)
A. Day								
B. Month								
C. Year								X

We produce over 50,000 gallons of liquid products and over 50,000 pounds of dry products each per year.

*Miss  
Coahoma*

# Air & Water Pollution Control Commission

STATE OF MISSISSIPPI



COMMISSIONERS

Ray Tribble  
Chairman  
Money

James W. Carraway  
Vice Chairman  
Bassfield

Board of Health  
Joe D. Brown

Marine Conservation  
Commission  
W. J. Demoran

Charles W. Else  
Yazoo City

Game & Fish Commission  
Barry O. Freeman

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Jackson

COMMISSIONERS

Oil & Gas Board  
Quincy R. Hodges

Hermit A. Jones  
Canton

Board of Water  
Commissioners  
Jack Pepper

Glen Wood, Jr., Executive Director  
P. O. Box 827 - Robert E. Lee Building  
Jackson, Mississippi 39205

Telephones:

Administrative Offices 601-354-7513  
Air Division 601-354-6783  
Water Division 601-354-7661

ASSOCIATE MEMBERS

State Park System  
Dr. John M. King

A & I Board  
Paul Burt

Geological Survey  
W. H. Moore

April 22, 1974

M E M O

To: Othel Anding

FROM: Danny Averett

SUBJECT: Pesticide Formulators

Please inspect the following facilities:

Delta-Western Chemicals, Inc.  
Indianola

Staple Cotton  
Greenwood

Helena Chemical Company  
Belzoni

In addition, at your convenience, please re-inspect the following plants:

Thompson-Hayward Chemical Company  
Greenville

Valley Cement  
Greenville

MEMO  
April 22, 1974  
Page -2-

Riverside Chemical *This copy for*  
Clarksdale

Riverside Chemical  
Tupelo

Willight Chemicals  
Drew

In regard to spill prevention, please note what measures are taken to contain a spill caused by rupture of a bulk storage tank.

Respectfully submitted,

Daniel E. Averett  
Sanitary Engineer  
Industrial Wastewater Section

DEA:dgh

cc: Mr. Tommy Gingles

MISSISSIPPI AIR AND WATER POLLUTION CONTROL COMMISSION

INFORMATION SHEET

AGRICULTURAL CHEMICAL MANUFACTURER

Company name Riverside Chemical Company

Plant address 218 Roger Road

City Marks Zip code 38646

Plant Manager Harry Cook Telephone no. \_\_\_\_\_

Products of this plant Warehouse for Riverside in Clarksdale.

Operations which result in wastewater discharge \_\_\_\_\_

None

Discharge is continuous \_\_\_\_\_ or batch \_\_\_\_\_

Approximate volume \_\_\_\_\_

Frequency of batch discharge \_\_\_\_\_

Description of waste disposal practices including spill prevention and containment \_\_\_\_\_

Remarks: Does not manufacture any pesticides.

Signed \_\_\_\_\_

Date Mar 21, 1974

RECEIVED

MISSISSIPPI AIR AND WATER POLLUTION CONTROL COMMISSION  
INFORMATION SHEET

STATE OF MISSISSIPPI

AGRICULTURAL CHEMICAL MANUFACTURER

Company name Coahoma Chemical Company

Plant address \_\_\_\_\_

City \_\_\_\_\_ Zip code \_\_\_\_\_

Plant Manager \_\_\_\_\_ Telephone no. \_\_\_\_\_

Products of this plant \_\_\_\_\_

Operations which result in wastewater discharge \_\_\_\_\_

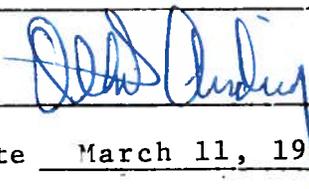
Discharge is continuous \_\_\_\_\_ or batch \_\_\_\_\_

Approximate volume \_\_\_\_\_

Frequency of batch discharge \_\_\_\_\_

Description of waste disposal practices including spill prevention and containment \_\_\_\_\_

Remarks: Coahoma has sold to Riverside Chemical of  
Clarksdale.

Signed 

Date March 11, 1974



MISSISSIPPI AIR AND WATER POLLUTION CONTROL COMMISSION  
AIR & WATER POLLUTION CONTROL COMMISSION  
STATE OF MISSISSIPPI

INFORMATION SHEET

AGRICULTURAL CHEMICAL MANUFACTURER

Company name Riverside Chemical Company

Plant address P. O. Box 550

City Clarksdale Zip code 38614

Plant Manager None Telephone no. 624-8381

REGIONAL MANAGER - John Duff

Products of this plant EPN - Organic Phosphates

Herbicides - Covex, MSMA, DSMA, Bladex, Toxaphene

Operations which result in wastewater discharge \_\_\_\_\_

Washwater only - filtered through carbon water stored in  
2 each 11,000 gallon tanks settles out in these tanks, and  
water is discharged.

Discharge is continuous \_\_\_\_\_ or batch X

Approximate volume 250 gal./Day

Frequency of batch discharge Daily

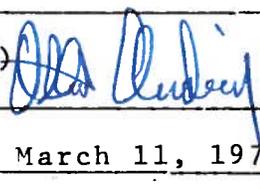
Description of waste disposal practices including spill prevention and containment \_\_\_\_\_

All water flows to the tanks which had the carbon filter.

Remarks: Discharges about 250 gallons of water daily.

Goes into nearest ditch. I talked to Mr. Carleton, Chemist.

(No samples have been run lately.)

Signed 

Date March 11, 1974

MISSISSIPPI AIR AND WATER POLLUTION CONTROL COMMISSION

PHYSICAL CHARACTERISTICS AND CHEMICAL  
QUALITY OF WASTE EFFLUENTS

Name of Industry or Municipality Coahoma Chemicals Inc.  
Location and Address Clarksdale, Mississippi  
Name of Plant Manager \_\_\_\_\_  
Date Surveyed 8-17-71 Date Sampled 8-17-71  
Bench No. 710 Station Final Effluent

PHYSICAL PROPERTIES

Color \_\_\_\_\_  
Odor \_\_\_\_\_  
Turbidity \_\_\_\_\_ Jack Units  
Aesthetic Appearance \_\_\_\_\_  
Conductivity 760 Micromhos  
Temperature 26.0° °C

Nitrate Nitrogen \_\_\_\_\_ MG/L  
Nitrite Nitrogen \_\_\_\_\_ MG/L  
Chromate \_\_\_\_\_ MG/L  
Cyanide \_\_\_\_\_ MG/L  
Arsenic \_\_\_\_\_ MG/L  
Others: \_\_\_\_\_

\_\_\_\_\_ MG/L  
\_\_\_\_\_ MG/L  
\_\_\_\_\_ MG/L  
\_\_\_\_\_ MG/L

OXYGEN

Dissolved Oxygen 0.6 MG/L  
B.O.D. 41.0 MG/L  
C.O.D. 1054.0 MG/L

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

HARDNESS

Total \_\_\_\_\_ MG/L as CaCO<sub>3</sub>  
CA<sup>++</sup> \_\_\_\_\_ MG/L as CaCO<sub>3</sub>  
MG<sup>++</sup> \_\_\_\_\_ MG/L as CaCO<sub>3</sub>

SOLIDS

Total 2066.0 MG/L  
Volatile 1513.0 MG/L  
Suspended 186.0 MG/L  
Dissolved 1880.0 MG/L

SANITARY & INDUSTRIAL WASTE  
TREATMENT FACILITIES

Sanitary Wastes \_\_\_\_\_

Industrial Wastes \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

CHEMICAL PROPERTIES

pH 7.2  
Alkalinity 240.0 MG/L  
Chloride \_\_\_\_\_ MG/L  
Sulfates \_\_\_\_\_ MG/L  
Phosphates \_\_\_\_\_ MG/L  
Organic Nitrogen \_\_\_\_\_ MG/L  
Ammonia Nitrogen 18.8 MG/L

Population Equivalent \_\_\_\_\_  
Effluent Receiving Stream \_\_\_\_\_

Name of Major Stream: \_\_\_\_\_  
Interstate \_\_\_\_\_  
Intrastate \_\_\_\_\_  
Other: \_\_\_\_\_  
\_\_\_\_\_

MISSISSIPPI AIR AND WATER POLLUTION CONTROL COMMISSION

PHYSICAL CHARACTERISTICS AND CHEMICAL  
QUALITY OF WASTE EFFLUENTS

Name of Industry or Municipality Coahoma Chemicals Inc.  
Location and Address Clarksdale, Mississippi  
Name of Plant Manager \_\_\_\_\_  
Date Surveyed 8-17-71 Date Sampled 8-17-71  
Bench No. 7II Station Eff. from heat treatment process

PHYSICAL PROPERTIES

Color \_\_\_\_\_  
Odor \_\_\_\_\_  
Turbidity \_\_\_\_\_ Jack Units  
Aesthetic Appearance \_\_\_\_\_  
Conductivity 4300 Micromhos  
Temperature \_\_\_\_\_ °C

Nitrate Nitrogen \_\_\_\_\_ MG/L  
Nitrite Nitrogen \_\_\_\_\_ MG/L  
Chromate \_\_\_\_\_ MG/L  
Cyanide \_\_\_\_\_ MG/L  
Arsenic \_\_\_\_\_ MG/L  
Others: \_\_\_\_\_

\_\_\_\_\_ MG/L  
\_\_\_\_\_ MG/L  
\_\_\_\_\_ MG/L  
\_\_\_\_\_ MG/L

OXYGEN

Dissolved Oxygen \_\_\_\_\_ MG/L  
B.O.D. 230.0 MG/L  
C.O.D. 2068.0 MG/L

Remarks: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

HARDNESS

Total \_\_\_\_\_ MG/L as CaCO<sub>3</sub>  
CA++ \_\_\_\_\_ MG/L as CaCO<sub>3</sub>  
MG++ \_\_\_\_\_ MG/L as CaCO<sub>3</sub>

SOLIDS

Total 12,600.0 MG/L  
Volatile 8,420.0 MG/L  
Suspended 266.6 MG/L  
Dissolved 12,334.0 MG/L

SANITARY & INDUSTRIAL WASTE  
TREATMENT FACILITIES

Sanitary Wastes \_\_\_\_\_

Industrial Wastes \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Population Equivalent \_\_\_\_\_  
Effluent Receiving Stream \_\_\_\_\_

Name of Major Stream: \_\_\_\_\_  
Interstate \_\_\_\_\_  
Intrastate \_\_\_\_\_  
Other: \_\_\_\_\_  
\_\_\_\_\_

CHEMICAL PROPERTIES

pH 6.7  
Alkalinity 180.0 MG/L  
Chloride \_\_\_\_\_ MG/L  
Sulfates \_\_\_\_\_ MG/L  
Phosphates \_\_\_\_\_ MG/L  
Organic Nitrogen \_\_\_\_\_ MG/L  
Ammonia Nitrogen 30.8 MG/L

# Air & Water Pollution Control Commission

STATE OF MISSISSIPPI

## COMMISSIONERS

James W. Carraway, Chairman  
Bassfield

State Plant Board  
O. T. Guice, Jr., Vice Chairman

Oil & Gas Board  
J. F. Borthwick

Board of Health  
Joe D. Brown

Marine Conservation  
Commission  
W. J. Demoran

W. E. Gupton  
Jackson

Hermit A. Jones  
Canton



Glen Wood, Jr.

EXECUTIVE SECRETARY

POST OFFICE BOX 827      TELEPHONE 354-6783  
SIXTH FLOOR ROBERT E. LEE BUILDING  
JACKSON, MISSISSIPPI 39205

## COMMISSIONERS

Game & Fish Commission  
Billy Joe Cross

Board of Water  
Commissioners  
Jack Pepper

Charles W. Else  
Yazoo City

State Park System  
Spencer E. Medlin

A & I Board  
Paul Burt

Geological Survey  
W. H. Moore

June 3, 1971

Mr. O. James Faloon, President  
Coahoma Chemical Company, Inc.  
P. O. Box 550  
Clarksdale, Mississippi 38614

Dear Mr. Faloon:

We have completed our review of your submitted Application for an Operating Permit. Enclosed you will find Temporary Permit 000870 issued in the name of Coahoma Chemical Company, Inc.

This permit and the conditions thereon have been granted in accordance with the provisions of the Mississippi Air and Water Pollution Control Act (Mississippi Laws of 1966, Chapter 258) and the rules adopted and promulgated thereunder.

If we can be of any further service, please contact us.

Very truly yours,

Glen Wood, Jr.  
Executive Secretary

GWjr:DKW:kh  
Enclosure

**State of Mississippi  
Air and Water Pollution Control Commission**

**TEMPORARY PERMIT**

**To Operate an Existing Waste Disposal System  
This Certifies That**

**COAHOMA CHEMICAL COMPANY, INC.**

has been granted permission to operate a waste disposal system for the collection and treatment of the wastewater generated therein, prior to discharging the waste into —  
Ditch, thence Sunflower River

Operation of such facilities shall be in accordance with the provisions of the Mississippi Air and Water Pollution Control Act (Chapter 258, Mississippi Laws of 1966) and the rules and regulations adopted and promulgated thereunder, or this permit may be revoked by the Mississippi Air and Water Pollution Control Commission. The application and data submitted to the Commission are filed with and considered a part of this permit.

This permit is issued without regard to the adequacy of the existing facilities. At such time as the Commission is able to establish such adequacy, or the lack of it, this permit shall expire and the following action shall be taken:

If the facilities are adequate, a new permit shall be issued.

If the facilities are inadequate, a tolerance permit shall be issued, setting forth a reasonable time for such additions, alterations or changes in operation as are needed to be accomplished.

Issued this 3rd day of JUNE, 19 71.

AIR AND WATER POLLUTION CONTROL COMMISSION

Glen Wood, Jr.

Executive Secretary

Temp + Sample - ~~DATA~~  
6-1-71

MISSISSIPPI  
AIR AND WATER POLLUTION CONTROL COMMISSION  
P. O. Box 827  
Jackson, Mississippi 39205

APPLICATION FOR AN OPERATING PERMIT FOR AN EXISTING WASTE  
DISPOSAL SYSTEM

Coahoma Chemical Company, Inc.

(Title of Body Making Application, i.e., Municipality, Corporation or other)

P. O. Box 550, Clarksdale, Miss.

Date May 21, 1971

Location of Waste Treatment Facility: Plant, Normandy & Sasse Streets

(Section, Township, Range)

(Other)

Type of Treatment Provided: Settling basin and planned carbon treatment and evaporation  
as per our May 11th letter.  
(Lagoon, Activated Sludge, etc.)

Sanitary Waste: Number of Persons Served by the Disposal System City Sewer

Design Capacity of Treatment Facility (number of persons) ~~City Sewer~~

Commercial or Industrial Waste: Indicate Strength of Waste by Population Equivalent, B.O.D., Solids Content, or  
Applicable Criteria; Laundries or Washaterias Give Number and Size of Machines and Water Usage Mixing  
equipment washings, floor washings, -- strength is variable

Stream Data:

How Disposal System Effluent Reaches State Waters: ( ) Directly (X) By Ditch ( ) By Public  
8-10 miles

Sewers ( ) Other

Waste Flows: (1) ditch (Stream) (2) Thence into ditch (Stream)

(3) Thence into eventually Sunflower River (River)

Use of the Effluent Receiving Waters: ---  
(Irrigation, Livestock Watering, Recreation, etc.)

Distance to the Nearest Downstream User (Name): ---

INDUSTRIAL SURVEY

MISSISSIPPI AIR & WATER POLLUTION CONTROL COMMISSION

Sunflower River BASIN

DATE September 25, 1970

COMPANY NAME Coahoma Chemical Company, Inc.

PLANT NAME Same

PLANT LOCATION & ADDRESS P. O. Box 550

Clarksdale, Miss. 38614

NAME OF PLANT MANAGER W. M. Butler

YEARS OF PLANT OPERATION: FROM 1950 TO 1970

NUMBER OF EMPLOYEES 40 HOURS OF OPERATION 8 hrs./day

MAIN PRODUCTS Agricultural Insecticides & Herbicides

(Formulation)

RAW MATERIALS USED Technical Agricultural Insecticides and Herbicides,

various clays, oils and surfactants.

TYPES AND NUMBER OF INDUSTRIAL PROCESSES Dry and Liquid Mixing,

Milling and Filtration

SOURCE OF WATER: WELLS \_\_\_\_\_ PUBLIC SYSTEM X

OTHER \_\_\_\_\_

WATER USES AND QUANTITIES: BOILER FEED 10,000 gal.

PROCESSING & Washing Equipment: 340,000 gal.

DRINKING & Sanitary: 240,000 gal.

OTHER Cooling; 1,500,000 gal.

MISSISSIPPI MANUFACTURERS ASSOCIATION  
COMMITTEE ON AIR & WATER QUALITY

QUESTIONNAIRE: EFFLUENT WATER QUALITY CONDITIONS

INFORMATION IN THIS QUESTIONNAIRE IS SOUGHT TO GUIDE THE MMA COMMITTEE IN RECOMMENDING STREAM CLASSIFICATIONS AND SUBSEQUENT WATER QUALITY STANDARDS TO THE STATE WATER POLLUTION CONTROL COMMISSION. WHERE INFORMATION REQUESTED IS NOT AVAILABLE, PLEASE NOTE THIS. EVERY EFFORT WILL BE MADE TO KEEP THIS INFORMATION CONFIDENTIAL WITHIN THE MMA COMMITTEE, AND ASSURANCES HAVE BEEN MADE THAT THIS INFORMATION WILL BE KEPT CONFIDENTIAL WITHIN THE POLLUTION CONTROL COMMISSION'S FILES.

1. COMPANY NAME COAHOMA CHEMICAL COMPANY PLANT NAME \_\_\_\_\_

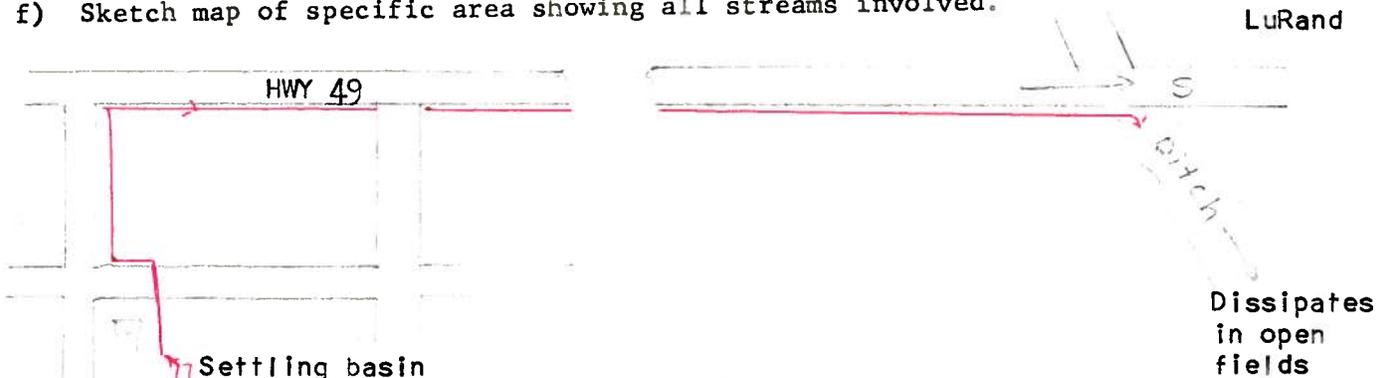
2. NUMBER OF EMPLOYEES:

- a) Permanent employment 35  
b) Temporary employment 20  
1. For what time period? 2/1 - 7/31

3. NATURE OF BUSINESS AND TYPES OF WASTE MATERIALS WHICH RESULT? PESTICIDES  
No effluents as such. Contaminant materials result from sweep down and wash down of formulating equipment. These are the commonly used herbicides and insecticides used in cotton farming.

4. LOCATION OF PLANT AND EFFLUENT DISCHARGE POINT.

- a) County Coahoma b) Nearest Town Clarksdale  
c) River Basin Sunflower River  
d) Effluent carrying Water Body (Name) Ditch along Hwy US49  
e) Location of effluent discharge point to nearest highway bridge. (List highway number & distance; or show other landmark. From our final settling basin to 49 Hwy 400', highway ditch flows south approximately five miles to a major drainage ditch (North of LuRand) which flows west to open fields.  
f) Sketch map of specific area showing all streams involved.



5. LENGTH OF STREAMS REQUIRED FOR WASTE DISSIPATION:

- a) What distance on which streams must be given an "industrial" water quality classification to adequately dissipate the effects of your waste disposal?  
Unknown. Ditchbanks between plant and major drainage ditch at LuRand probably absorb most of contamination.

10. DILUTING WATER FLOW (Gal/Day) NOT APPLICABLE

a) What low water flow rate is normally available to dilute your effluent streams:

Process Water Effluent \_\_\_\_\_  
Cooling Water Effluent \_\_\_\_\_  
Sewage Effluent \_\_\_\_\_

b) What is the lowest flow rate encountered in the last 10 years?

Process Water Effluent \_\_\_\_\_  
Cooling Water Effluent \_\_\_\_\_  
Sewage Effluent \_\_\_\_\_

11. WHAT ARE YOUR MAJOR PROBLEMS IN WASTE DISPOSAL? ARE ECONOMIC TREATMENT METHODS AVAILABLE? ARE TREATMENT FACILITIES PRESENTLY BEING USED? IF SO, PLEASE DESCRIBE BRIEFLY. ARE NEW TREATMENT FACILITIES PLANNED? WHEN MIGHT THEY BE OPERATIONAL?  
Separation of contaminants from effluent. Settling basin only partly effective. City sewage plant believed capable of coping with our small effluent, provided it is not slugged.

12. DO YOU NEED SPECIAL CONSIDERATION IN THE STATE POLLUTION CONTROL COMMISSION'S STANDARDS? IF SO, RECOMMEND THE WATER QUALITY STANDARDS WHICH YOU THINK WOULD BE REALISTIC FOR YOUR PARTICULAR DILUTING BODIES OF WATER.

NO